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CONDITION SURVEY, HUNTER ARMY AIRFIELD
SAVANNAH, GEORGIA

R. D. Jackson, et al

Army Engineer Waterways Experiment Station
Vicksburg, Mississippi

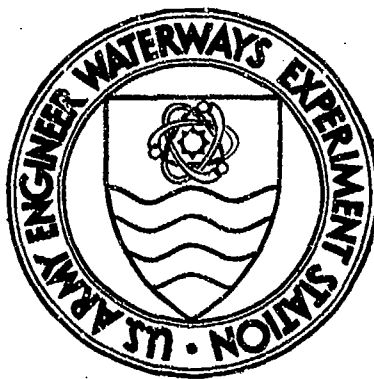
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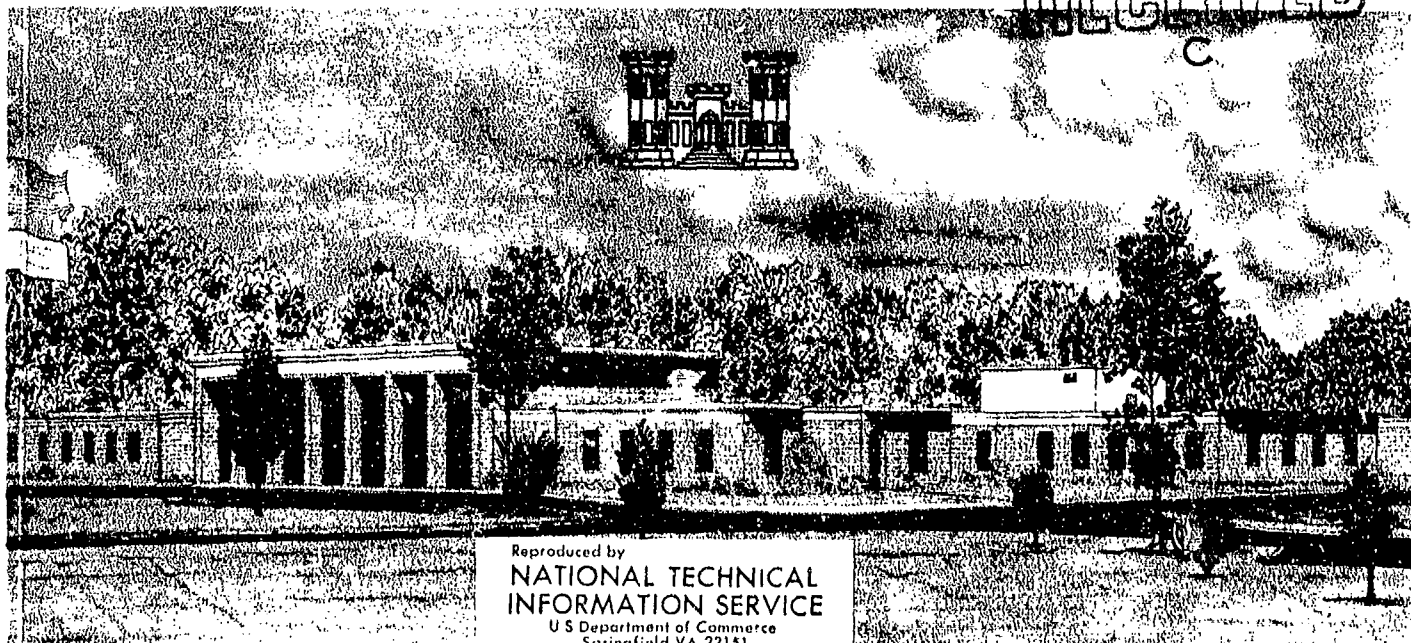
MISCELLANEOUS PAPER S-72-8

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by

R. D. Jackson, P. J. Vedros

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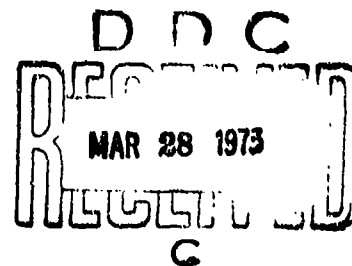


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Foreword

Authority for performance of condition surveys at selected airfields is contained in Long Range Program, O&M, A FY 1971, Project Q6-1: "Engineering Criteria for Design and Construction - WES," dated May 1970.

The facilities at Hunter Army Airfield were inspected in March 1971 by Messrs. R. D. Jackson and S. J. Alford of the Flexible Pavement Branch, U. S. Army Engineer Waterways Experiment Station (WES). This report was prepared by Messrs. Jackson and P. J. Vedros under the general supervision of Messrs. J. P. Sale, R. G. Ahlvin, and R. L. Hutchinson of the Soils Division, WES.

COL Ernest D. Peixotto, CE, was Director of the WES during the conduct of the study and preparation of the report. Mr. F. R. Brown was Technical Director.

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Conversion Factors, British to Metric Units of Measurements

British units of measurement used in this report can be converted to metric units as follows:

<u>Multiply</u>	<u>By</u>	<u>To Obtain</u>
inches	2.54	centimeters
feet	0.3048	meters
square inches	6.4516	square centimeters
pounds	0.45359237	kilograms
pounds per square inch	0.6894757	newtons per square centimeter

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CONDITION SURVEY, HUNTER ARMY AIRFIELD
SAVANNAH, GEORGIA

Purpose

1. The purpose of this report is to present the results of an inspection performed at Hunter Army Airfield (HAAF) in March 1971. The inspection was limited to visual observations, and no tests were conducted on any of the pavement facilities. A layout of the airfield is shown in plate 1.

Pertinent Background Data

General description of airfield

2. HAAF, formerly Hunter Air Force Base, is located in the southwest corner of Savannah, Georgia.

3. The airfield is located physiographically in the Sea Island section of the Coastal Plain province in an area of gently rolling topography. The soil in the area is generally a poorly graded sand, with scattered deposits of fine sand, silt, and lean clay. However, at lower depths occasional pockets of fat clays are found.

4. In March 1971, the airfield facilities consisted of an east-west runway 11,375 ft* long and 200 ft wide, connecting taxiways, parking aprons, two warm-up aprons, former alert aprons and taxiway, and a compass swing base (see plate 1). The taxiways and aprons are of various lengths

* A table of factors for converting British units of measurements to metric units is presented on page vii.

and widths. Huey-type helicopters were utilizing the large parking apron and the former alert facilities for parking.

Previous reports

5. Previous reports covering the airfield facilities are listed below and pertinent data were extracted from them for use in this condition survey report.

a. Condition survey reports:

- (1) U. S. Army Engineer Waterways Experiment Station, CE, "Condition Survey, Hunter Army Airfield, Savannah, Georgia," Miscellaneous Paper S-69-37, August 1969, Vicksburg, Miss.
- (2) U. S. Army Rigid Pavement Laboratory, Ohio River Division, CE, "Report of Rigid Pavement Condition Survey, Hunter Air Force Base, Savannah, Georgia," July 1959, Mariemont, Ohio.
- (3) U. S. Army Ohio River Division Laboratories, CE, "Report of Rigid Pavement Condition Survey, Hunter Air Force Base, Georgia," October 1956, Mariemont, Ohio.
- (4) U. S. Army Ohio River Division Laboratories, CE, "Report of Rigid Pavement Condition Survey, Hunter Air Force Base, Savannah, Georgia," July 1953, Mariemont, Ohio.
- (5) U. S. Army Ohio River Division Laboratories, CE, "Report of Rigid Pavement Condition Survey, Hunter Air Force Base, Savannah, Georgia," April 1951, Mariemont, Ohio.

b. Evaluation reports:

- (1) U. S. Army Engineer Waterways Experiment Station, CE, "Airfield Pavement Evaluation, Hunter Air Force Base, Savannah, Georgia," Miscellaneous Paper No. 4-379, February 1960, Vicksburg, Miss.
- (2) U. S. Army Engineer Waterways Experiment Station, CE, "Airfield Pavement Evaluation, Hunter Air Force Base, Savannah, Georgia," April 1958, Vicksburg, Miss.
- (3) U. S. Army, Savannah District, CE, "Airfield Evaluation, Final Report," April 1945, Savannah, Georgia.

History of Airfield Pavements

Construction history

6. The majority of pavement facilities were constructed during the period of years 1941-1959. A summary of the construction history (from the evaluation report, reference 1, paragraph 5b) is shown in table 1. The pavements constructed after 1955 were designed to support a landing gear load of 100,000 lb carried on dual wheels spaced 37.5 in. c-c, each wheel having a tire contact area of 267 sq in. Typical sections of the primary runway and taxiways are shown in plates 2 and 3, respectively. Pavement thickness and other details for all pavement features are shown in the summary of physical property data shown in table 2.

Traffic history

7. During 1967, HAAF was converted from an Air Force to an Army installation. Prior to the change, the pavements were utilized by heavy bomber and cargo-type aircraft. The Army is using the facilities for rotary-wing aircraft used for pilot training. Considerable traffic is recorded for Huey-type helicopters; however, these aircraft have little adverse effect on the pavements, which were designed for heavy loads. The runway and taxiway pavements are generally used for small Army aircraft; however, occasional use is made of the system by transient Air Force heavy-type aircraft.

Condition of Pavement Surfaces

8. A visual inspection of the pavements in March 1971 indicated the airfield pavement to be generally in good condition.

Flexible pavement surfaces

9. The surface of the east-west runway was excellent (photographs 1 and 2). The surfaces of the taxiways, aprons, and holding areas

at taxiways 1 and 5 presented a good appearance. The areas of the taxiways and aprons that were treated with a bituminous coating material in 1967 and 1968 (condition survey report, reference 1, paragraph 5a) showed numerous open cracks and scaling of the coating in some areas (photographs 3-6). A white deposit observed along the cracks in the holding pad at taxiway 5 is shown in photograph 7. The deposit was a fine-grained powder that apparently came from the limerock base course. Asphalt shoulder pavements of the former alert facilities are being utilized by Cobra-type helicopters as parking areas. Considerable deterioration of the pavement has occurred because of fuel spillage (photographs 8 and 9). The shoulder pavements of taxiway 6 had many cracks with vegetation growing in the cracks.

Rigid pavement facilities

10. The rigid pavement facilities condition survey (table 3) revealed that the majority of these pavements were in excellent condition. The pavement of the east apron and the small slabs of the holding pads (former alert parking aprons) were rated good. The defects in the former alert facilities areas probably were developed while they were being utilized by heavy Air Force aircraft. It seems unlikely that helicopters could have caused the defects. The slabs in apron B were in fair condition. Typical defects in this area are shown in photographs 10-14. Photograph 15 shows fuel stains at a Huey parking spot on the west apron.

Airfield Maintenance

Recent maintenance

11. During 1970 the asphalt portion of the east-west runway was heater planed to remove the oxidized pavement surface. It was then rolled and a slurry seal was applied.

Planned maintenance

12. Maintenance scheduled for rigid pavement facilities during 1971 included replacing shattered slabs, cleaning and repairing cracks in broken slabs, and applying joint sealer to a large portion of the east apron and apron B. After such maintenance, these areas should be in good condition. Maintenance planned for the flexible pavements during 1971 was slurry-sealing of taxiways 1-3 and the holding area adjacent to taxiway 1. Also, the shoulder pavements of taxiway 6 were to be removed and replaced with hot-mix asphaltic concrete. An overlay of the flexible pavement of the overrun area at both ends of the east-west runway is planned for FY 1972.

Evaluation

13. The evaluation of the load-carrying capacity of the HAAF pavements was based on criteria contained in TM 5-827-2 and TM 5-827-3, "Flexible Airfield Pavement Evaluation," and "Rigid Airfield Pavement Evaluation," respectively, and on the strength values assigned for the 1960 evaluation. Evaluations are shown in table 4 for four life categories of airfield pavements and various types of landing gear wheel assemblies. An aircraft identification index is presented in table 5, which lists the various types of aircraft according to landing gear configurations.

Table 1
Construction History

Facility	Length ft	Width ft	Pavement		Construction	
			Thickness in.	Type	Period	Agency
E-W runway						
Sta 0+00-105+00	10,500	200	4	AC	1951-1952	CE
Sta 95+00-105+00 (strengthened)	1,000	200	2	AC	1955-1956	CE
Sta 105+00-113+75	875	200	15	PCC	1955-1956	CE
Sta 0+00-3+00	300	200	19-22	PCC	1957	IE
Sta 3+00-105+00 (strengthened)	10,200	200	1	AC	1959	IE
Alert aprons and twy			20	PCC	1959	CE
Taxiway 6	1,300±	75	18	PCC	1957	CE
Taxiway 5						
Original	5,400±	100	4	AC	1951-1952	CE
Sta 62+50-83+00 (strengthened)	2,050	80	1-1/2	AC	1959	IE
Taxiway 1	1,670±	75	4	AC	1951-1952	CE
Taxiway 4	670±	75	4	AC	1951-1952	CE
Taxiway 3						
Southwest end	630±	75	4	AC	1951-1952	CE
Northeast end	2,200±	150	6	PCC	1941	CE
Strengthened	2,200±	150	4	AC	1952-1953	CE
Taxiway 2						
Southeast end	970±	75	4	AC	1951-1952	CE
Northwest end	900±	150	6	PCC	1941	CE
Strengthened	900±	150	4	AC	1952-1953	CE
E-W taxiway						
Original	5,300	150	6	PCC	1941	CE
Strengthened	5,300	150	4	AC	1952-1953	CE
Hangar aprons			13	PCC	1953-1954	CE
Compass swing base			15	PCC	1953-1954	CE
West apron			15	PCC	1953-1954	CE
Apron B			6	PCC	1942	CE
East apron						
Original			6	PCC	1942	CE
Strengthened			11	PCC	1955-1956	CE
North apron			15	PCC	1955-1956	CE
South apron			15	PCC	1953-1954	CE
Apron A			15	PCC	1953	CE

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Sheet 1 of 2

FACILITY				OVERLAY PAVEMENT		PAVEMENT		BASE		SUBGRADE		GENERAL CONDITION OF AREA CONSIDERED
FACILITY NUMBER AND IDENTIFICATION	LENGTH FT	WIDTH FT	THICK IN.	DESCRIPTION	FLEX. STR PSI	THICK IN.	DESCRIPTION	FLEX. STR PSI	THICK IN.	CLASSIFICATION	CBR OR K	
E-W runway Sta 0+00 to 3+00	300	20				12 to 18	Portland-cement concrete	750	8	Sand	300	
Sta 3+00 to 11+00	800	200	4	Asphaltic concrete		4	Asphaltic concrete		8	Limerock base Subbase	25	
Sta 11+00 to 9+00	800	200	4	Asphaltic concrete		4	Asphaltic concrete		6	Limerock base Subbase	25	
Sta 0+00 to 10+00	1000	200	3	Asphaltic concrete		4	Asphaltic concrete		8	Limerock base Subbase	25	
Sta 10+00 to 11+75	875	200	15	Portland-cement concrete		15	Portland-cement concrete	730	8	Sand	300	
Taxiway 6	1300±	75	18	Portland-cement concrete		18	Portland-cement concrete	735	8	Sand	300	
Taxiway 1	1670±	75	4	Asphaltic concrete		4	Asphaltic concrete		8	Limerock base Subbase	25	
Taxiway 4	670±	75	4	Asphaltic concrete		4	Asphaltic concrete		8	Limerock base Subbase	25	
Taxiway 5	2050	80	1-1/2	Asphaltic concrete		4	Asphaltic concrete		8	Limerock base Subbase	25	
Sta 0+00 to 8+00	800±	120	4	Asphaltic concrete		4	Asphaltic concrete		8	Limerock base Subbase	25	
Original												
Taxiway 2	970±	75	4	Asphaltic concrete		4	Asphaltic concrete		8	Limerock base Subbase	25	
Southeast end	900±	15	7	Asphaltic concrete		6	Portland-cement concrete	650	8	Sand	350	
N Ribvert end												
Taxiway 3	630±	75	7	Asphaltic concrete		4	Asphaltic concrete		8	Limerock base Subbase	25	
Southwest end	2200±	150	7	Asphaltic concrete		6	Portland-cement concrete	650	8	Sand	350	
Northeast end	430±	15	7	Asphaltic concrete		6	Portland-cement concrete	650	8	Sand	350	
E-W taxiway												
Harbor aprons												
Alert aprons and taxiway												
North apron												
South apron												

(1 of 2 sheets)

(Continued)

WES FORM 1000 111171-2
MAY 1958

FACILITY			OVERLAY PAVEMENT			PAVEMENT			BASE			SUBGRADE		GENERAL CONDITION OF AREA CONSIDERED
FACILITY NUMBER AND IDENTIFICATION	LENGTH FT	WIDTH FT	THICK. IN	DESCRIPTION	FLEX. STR PSI	THICK. IN	DESCRIPTION	FLEX. STR PSI	THICK. IN	CLASSIFICATION	CBR OR K	CLASSIFICATION	CBR OR K	
West apron						14	Portland-cement concrete	730		Sand	300			
Compass-aving base						15	Portland-cement concrete	730		Sand	300			
East apron	1400	Var	11	Portland-cement concrete	730	6	Portland-cement concrete	650		Sand	300			
Apron area Apron extensions						7	Asphaltic concrete							
Portion of old NW-SE runway	2200	150	4	Asphaltic concrete		6	Asphaltic concrete							
Portion of old NE-SW runway	700	150	4	Asphaltic concrete		6	Portland-cement concrete	650						
Apron A						15	Portland-cement concrete	730						
Apron E						5	Portland-cement concrete	650						

(2 of 2 sheets)

RES FORM 1000 11-55
MAY 1958

DATE: _____

SURVEY NO. _____

AIRFIELD _____

SUMMARY OF DATA - RIGID PAVEMENT CONDITION SURVEY

FEATURE	SLAB SIZE FT	APPROX NO OF SLABS	PAVE THICK IN	NO OF SLABS CONTAINING INDICATED DEFECTS												% OF SLABS NO MAJOR DEFECTS	% OF SLABS NO DEFECTS	CONDITION		
				DEFECTS																
				I	-	\	Δ	*	~	S	J	⊥	⊕	M	P				O	
Runway apron	21 by 27	405	12			1												100%	100%	Good
Apron	21 by 21	252	12																	Good
Slab apron	21 by 27	405	12			1														Good
Slab apron	21 by 21	252	12																	Good
Runway apron	21 by 27	405	12			1														Good
Apron	21 by 21	252	12																	Good
Runway apron	21 by 27	405	12			1														Good
Apron	21 by 21	252	12																	Good
Runway apron	21 by 27	405	12			1														Good
Apron	21 by 21	252	12																	Good
Runway apron	21 by 27	405	12			1														Good
Apron	21 by 21	252	12																	Good
Runway apron	21 by 27	405	12			1														Good
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Apron	21 by 21	252	12																	Good
Runway apron	21 by 27	405	12			1														Good
Apron	21 by 21	252	12																	Good
Runway apron	21 by 27	405	12			1														Good
Apron	21 by 21	252	12																	Good
Runway apron	21 by 27	405																		

Table 1
SPECIAL INVESTIGATION

Case No.	Name	Age	Sex	Race	Religion	Marital Status	Occupation	Education	Income	Assets	Liabilities	Net Worth	Date of Birth	Date of Death	Cause of Death	Manner of Death	Place of Death	Place of Burial	Date of Burial	Date of Interment	Date of Exhumation	Date of Reinterment	Date of Final Disposition	Final Disposition
1	John Doe	35	M	W	C	M	Teacher	High School	\$12,000	\$10,000	\$5,000	\$5,000	1915	1985	Heart Disease	Natural	Home	Cemetery	1985	1985	1985	1985	1985	1985
2	Jane Smith	42	F	W	C	M	Homemaker	High School	\$8,000	\$15,000	\$2,000	\$13,000	1920	1990	Cancer	Natural	Home	Cemetery	1990	1990	1990	1990	1990	1990
3	Robert Johnson	28	M	W	C	M	Engineer	College	\$15,000	\$20,000	\$10,000	\$10,000	1960	1988	Accident	Natural	Highway	Cemetery	1988	1988	1988	1988	1988	1988
4	Elizabeth White	55	F	W	C	M	Retired	High School	\$6,000	\$12,000	\$3,000	\$9,000	1930	1995	Stroke	Natural	Home	Cemetery	1995	1995	1995	1995	1995	1995
5	Michael Brown	30	M	W	C	M	Software Developer	College	\$18,000	\$25,000	\$12,000	\$13,000	1965	1992	Heart Disease	Natural	Home	Cemetery	1992	1992	1992	1992	1992	1992
6	Sarah Davis	48	F	W	C	M	Teacher	College	\$10,000	\$18,000	\$4,000	\$14,000	1945	1993	Cancer	Natural	Home	Cemetery	1993	1993	1993	1993	1993	1993
7	David Wilson	25	M	W	C	M	Student	College	\$5,000	\$8,000	\$1,000	\$7,000	1970	1994	Accident	Natural	Highway	Cemetery	1994	1994	1994	1994	1994	1994
8	Linda Miller	50	F	W	C	M	Homemaker	High School	\$7,000	\$14,000	\$2,500	\$11,500	1940	1996	Stroke	Natural	Home	Cemetery	1996	1996	1996	1996	1996	1996
9	Christopher Lee	32	M	W	C	M	Engineer	College	\$16,000	\$22,000	\$11,000	\$11,000	1962	1991	Heart Disease	Natural	Home	Cemetery	1991	1991	1991	1991	1991	1991
10	Patricia Garcia	45	F	W	C	M	Teacher	College	\$9,000	\$16,000	\$3,500	\$12,500	1950	1997	Cancer	Natural	Home	Cemetery	1997	1997	1997	1997	1997	1997
11	James Martinez	27	M	W	C	M	Software Developer	College	\$17,000	\$24,000	\$13,000	\$11,000	1968	1993	Accident	Natural	Highway	Cemetery	1993	1993	1993	1993	1993	1993
12	Barbara Taylor	52	F	W	C	M	Retired	High School	\$6,500	\$13,000	\$3,200	\$9,800	1942	1998	Stroke	Natural	Home	Cemetery	1998	1998	1998	1998	1998	1998
13	Anthony Anderson	31	M	W	C	M	Engineer	College	\$15,500	\$21,000	\$10,500	\$10,500	1966	1992	Heart Disease	Natural	Home	Cemetery	1992	1992	1992	1992	1992	1992
14	Michelle Roberts	47	F	W	C	M	Teacher	College	\$8,500	\$15,500	\$3,800	\$11,700	1951	1999	Cancer	Natural	Home	Cemetery	1999	1999	1999	1999	1999	1999
15	Kevin Clark	29	M	W	C	M	Software Developer	College	\$16,500	\$23,000	\$12,500	\$10,500	1969	1994	Accident	Natural	Highway	Cemetery	1994	1994	1994	1994	1994	1994
16	Deborah Lewis	49	F	W	C	M	Homemaker	High School	\$7,500	\$14,500	\$2,800	\$11,700	1948	2000	Stroke	Natural	Home	Cemetery	2000	2000	2000	2000	2000	2000
17	Gregory Hall	33	M	W	C	M	Engineer	College	\$15,000	\$20,000	\$10,000	\$10,000	1964	1995	Heart Disease	Natural	Home	Cemetery	1995	1995	1995	1995	1995	1995
18	Angela Young	46	F	W	C	M	Teacher	College	\$9,500	\$16,500	\$3,600	\$12,900	1953	2001	Cancer	Natural	Home	Cemetery	2001	2001	2001	2001	2001	2001
19	Timothy King	26	M	W	C	M	Software Developer	College	\$17,500	\$24,500	\$13,500	\$11,000	1973	1996	Accident	Natural	Highway	Cemetery	1996	1996	1996	1996	1996	1996
20	Christina Scott	51	F	W	C	M	Retired	High School	\$6,800	\$13,800	\$3,100	\$10,700	1947	2002	Stroke	Natural	Home	Cemetery	2002	2002	2002	2002	2002	2002
21	Jonathan Green	34	M	W	C	M	Engineer	College	\$15,800	\$21,800	\$10,800	\$11,000	1967	1997	Heart Disease	Natural	Home	Cemetery	1997	1997	1997	1997	1997	1997
22	Stephanie Adams	44	F	W	C	M	Teacher	College	\$8,800	\$15,800	\$3,400	\$12,400	1956	2003	Cancer	Natural	Home	Cemetery	2003	2003	2003	2003	2003	2003
23	Benjamin Baker	28	M	W	C	M	Software Developer	College	\$16,800	\$23,800	\$12,800	\$11,000	1974	1998	Accident	Natural	Highway	Cemetery	1998	1998	1998	1998	1998	1998
24	Rebecca Nelson	43	F	W	C	M	Homemaker	High School	\$7,800	\$14,800	\$2,900	\$11,900	1954	2004	Stroke	Natural	Home	Cemetery	2004	2004	2004	2004	2004	2004
25	Erica Hill	36	F	W	C	M	Teacher	College	\$9,800	\$16,800	\$3,700	\$13,100	1968	2005	Cancer	Natural	Home	Cemetery	2005	2005	2005	2005	2005	2005
26	Adam Perez	30	M	W	C	M	Engineer	College	\$15,200	\$20,200	\$10,200	\$10,000	1975	1999	Heart Disease	Natural	Home	Cemetery	1999	1999	1999	1999	1999	1999
27	Heather Evans	41	F	W	C	M	Homemaker	High School	\$8,200	\$15,200	\$3,300	\$11,900	1958	2006	Stroke	Natural	Home	Cemetery	2006	2006	2006	2006	2006	2006
28	Isaac Roberts	37	M	W	C	M	Software Developer	College	\$16,200	\$23,200	\$12,200	\$11,000	1969	2000	Accident	Natural	Highway	Cemetery	2000	2000	2000	2000	2000	2000
29	Julia Turner	40	F	W	C	M	Teacher	College	\$9,200	\$16,200	\$3,500	\$12,700	1960	2007	Cancer	Natural	Home	Cemetery	2007	2007	2007	2007	2007	2007
30	Samuel Phillips	29	M	W	C	M	Engineer	College	\$15,600	\$21,600	\$10,600	\$11,000	1976	2001	Heart Disease	Natural	Home	Cemetery	2001	2001	2001	2001	2001	2001
31	Kimberly Campbell	46	F	W	C	M	Homemaker	High School	\$8,600	\$15,600	\$3,600	\$12,000	1959	2008	Stroke	Natural	Home	Cemetery	2008	2008	2008	2008	2008	2008
32	Christopher Evans	32	M	W	C	M	Software Developer	College	\$16,600	\$23,600	\$12,600	\$11,000	1977	2002	Accident	Natural	Highway	Cemetery	2002	2002	2002	2002	2002	2002
33	Brittany Foster	45	F	W	C	M	Teacher	College	\$9,600	\$16,600	\$3,800	\$12,800	1961	2009	Cancer	Natural	Home	Cemetery	2009	2009	2009	2009	2009	2009
34	Matthew Cooper	31	M	W	C	M	Engineer	College	\$15,400	\$21,400	\$10,400	\$11,000	1978	2003	Heart Disease	Natural	Home	Cemetery	2003	2003	2003	2003	2003	2003
35	Amber Bailey	42	F	W	C	M	Homemaker	High School	\$8,400	\$15,400	\$3,400	\$12,000	1966	2010	Stroke	Natural	Home	Cemetery	2010	2010	2010	2010	2010	2010
36	Joshua Reed	33	M	W	C	M	Software Developer	College	\$16,400	\$23,400	\$12,400	\$11,000	1979	2004	Accident	Natural	Highway	Cemetery	2004	2004	2004	2004	2004	2004
37	Michelle Ward	47	F	W	C	M	Teacher	College	\$9,400	\$16,400	\$3,900	\$12,500	1962	2011	Cancer	Natural	Home	Cemetery	2011	2011	2011	2011	2011	2011
38	Andrew King	34	M	W	C	M	Engineer	College	\$15,800	\$21,800	\$10,800	\$11,000	1980	2005	Heart Disease	Natural	Home	Cemetery	2005	2005	2005	2005	2005	2005
39	Stephanie Green	43	F	W	C	M	Homemaker	High School	\$8,800	\$15,800	\$3,700	\$12,100	1967	2012	Stroke	Natural	Home	Cemetery	2012	2012	2012	2012	2012	2012
40	Timothy White	35	M	W	C	M	Software Developer	College	\$16,800	\$23,800	\$12,800	\$11,000	1981	2006	Accident	Natural	Highway	Cemetery	2006	2006	2006	2006	2006	2006
41	Christina Brown	48	F	W	C	M	Teacher	College	\$9,800	\$16,800	\$4,000	\$12,800	1964	2013	Cancer	Natural	Home	Cemetery	2013	2013	2013	2013	2013	2013
42	Benjamin Clark	36	M	W	C	M	Engineer	College	\$15,600	\$21,600	\$10,600	\$11,000	1982	2007	Heart Disease	Natural	Home	Cemetery	2007	2007	2007	2007	2007	2007
43	Rebecca Adams	44	F	W	C	M	Homemaker	High School	\$8,600	\$15,600	\$3,600	\$12,000	1969	2014	Stroke	Natural	Home	Cemetery	2014	2014	2014	2014	2014	2014
44	Isaac Miller	37	M	W	C	M	Software Developer	College	\$16,600	\$23,600	\$12,600	\$11,000	1983	2008	Accident	Natural	Highway	Cemetery	2008	2008	2008	2008	2008	2008
45	Julia Taylor	49	F	W	C	M	Teacher	College	\$9,600	\$16,600	\$4,100	\$12,500	1970	2015	Cancer	Natural	Home	Cemetery	2015	2015	2015	2015	2015	2015
46	Samuel Evans	38	M	W	C	M	Engineer	College	\$15,800	\$21,800	\$10,800	\$11,000	1984	2009	Heart Disease	Natural	Home	Cemetery	2009	2009	2009	2009	2009	2009
47	Kimberly Green	45	F	W	C	M	Homemaker	High School	\$8,800	\$15,800	\$3,800	\$12,000	1971	2016	Stroke	Natural	Home	Cemetery	2016	2016	2016	2016	2016	2016
48	Christopher White	39	M	W	C	M	Software Developer	College	\$16,800	\$23,800	\$12,800	\$11,000	1985	2010	Accident	Natural	Highway	Cemetery	2010	2010	2010	2010	2010	2010
49	Brittany Brown	50	F	W	C	M	Teacher	College	\$9,800	\$16,800	\$4,200	\$12,600	1972	2017	Cancer	Natural	Home	Cemetery	2017	2017	2017	2017	2017	2017
50	Matthew Clark	41	M	W	C	M	Engineer	College	\$15,600	\$21,600	\$10,600	\$11,000	1986	2011	Heart Disease	Natural	Home	Cemetery	2011	2011	2011	2011	2011	2011

Table 4
SUMMARY OF PAVEMENT EVALUATION

FACILITY				OVERLAY PAVEMENT			PAVEMENT			BASE		SUBGRADE		LOAD CAPACITY			
IDENTIFICATION	LENGTH FT	WIDTH FT	TEST PIT NO.	THICK. IN.	DESCRIPTION	FLEX. STR PSI	THICK. IN.	DESCRIPTION	FLEX. STR PSI	THICK. IN.	DESCRIPTION	CBR %	CLASSIFICATION	CBR %	CATEGORY OF PAVEMENT LIFE AND OPERATIONAL USE	SINGLE TIRE PRESSURE	SINGLE TIRE CONTACT AREA
E-W runway Sta 0+00 to 3+00 A					Selected figures for evaluation		22	Portland- cement concrete	750				Sand	300	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+ 65,000+
Sta 3+00 to 11+00 Q				1	Asphaltic concrete		4	Asphaltic concrete		8 8	Limerock Subbase	80 40	Sand	25	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+ 65,000+
Sta 11+00 to 95+00 K				1	Asphaltic concrete		4	Asphaltic concrete		6 8	Limerock Subbase	80 40	Sand	25	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+ 65,000+
Sta 95+00 to 105+00 J				3	Asphaltic concrete		4	Asphaltic concrete		8 8	Limerock Subbase	80 40	Sand	25	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+ 65,000+
Sta 105+00 to 113+75 E					Selected figures for evaluation		15	Portland- cement concrete	730				Sand	300	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+ 65,000+
Taxiway 6 D					Selected figures for evaluation		18	Portland- cement concrete	735				Sand	300	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+ 65,000+
Taxiway 1 and 5 Original I					Selected figures for evaluation		4	Asphaltic concrete		8 8	Limerock Subbase	80 40	Sand	25	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+ 50,000
Sta 62+50 to 83+00 P				1-1/2	Asphaltic concrete		4	Asphaltic concrete		8 8	Limerock Subbase	80 40	Sand	25	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+ 65,000+
Taxiway 4 I					Selected figures for evaluation		4	Asphaltic concrete		8 8	Limerock Subbase	80 40	Sand	25	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+ 65,000+
Taxiway 3 Original I					Selected figures for evaluation		4	Asphaltic concrete		8 8	Limerock Subbase	80 40	Sand	25			
SE end L				7	Asphaltic concrete		6	Portland- cement concrete	650				Sand	350	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 115,000	65,000+ 65,000+ 65,000+ 65,000+
Taxiway 2 Original I					Selected figures for evaluation		4	Asphaltic concrete		8 8	Limerock Subbase	80 40	Sand	25			
SE end L				7	Asphaltic concrete		6	Portland- cement concrete	650				Sand	350	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 115,000	65,000+ 65,000+ 65,000+ 65,000+
SE Taxiway L				7	Asphaltic concrete		6	Portland- cement concrete	650				Sand	350			
Runway 2 Original L					Selected figures for evaluation		15	Portland- cement concrete	730				Sand	300	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+ 65,000+
Runway 2 Original L					Selected figures for evaluation		13	Portland- cement concrete	730				Sand	300	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+ 65,000+

Table 1
SUMMARY OF PAVEMENT EVALUATION

SURGRADE		LOAD CARRYING CAPACITY IN LB OF GROSS PLANE LOAD FOR INDICATED LANDING GEAR TYPES AND CONFIGURATIONS AND LIFE CATEGORIES											TRAFFIC AREA	
CLASSIFICATION	CBR	CATEGORY OF PAVEMENT LIFE AND OPERATIONAL USE	TRICYCLE ARRANGEMENT									BICYCLE		
			SINGLE 12' 0" TIRE PRESSURE	SINGLE 10' 0" IN CONTACT AREA	SINGLE 8' 0" IN CONTACT AREA	TRAIL C C 220' 50" IN CONTACT AREA EACH TIME	SINGLE TANDEM 400' 50" IN CONTACT AREA	TRAIL C C 257' 50" IN CONTACT AREA EACH TIME	TRAIL C C 428' 50" IN CONTACT AREA EACH TIME	TRAIL TANDEM 33' 0" 200' 50" IN CONTACT AREA EACH TIME	C 48' 68' 0" CONFIGURATION	TRAIL TANDEM SPEC' 33' 0" 200' 50" IN CONTACT AREA EACH TIME		
and	300	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 220,000+	200,000+ 200,000+ 200,000+	330,000+ 330,000+ 330,000+	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 380,000+	770,000+ 770,000+ 770,000+	600,000+ 600,000+ 600,000+	A	
and	25	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 185,000	200,000+ 200,000+ 200,000+	330,000+ 330,000+ 250,000+	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 380,000+	770,000+ 770,000+ 770,000+	600,000+ 600,000+ 500,000	B	
and	25	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 200,000	200,000+ 200,000+ 200,000+	330,000+ 330,000+ 250,000	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 380,000+	770,000+ 770,000+ 770,000+	600,000+ 580,000+ 440,000	C	
and	25	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 220,000+	200,000+ 200,000+ 200,000+	330,000+ 330,000+ 330,000+	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 380,000+	770,000+ 770,000+ 770,000+	600,000+ 600,000+ 600,000+	C	
and	300	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 220,000+	200,000+ 200,000+ 200,000+	330,000+ 330,000+ 295,000+	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 380,000+	770,000+ 770,000+ 770,000+	600,000+ 500,000+ 430,000	A	
and	300	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 220,000+	200,000+ 200,000+ 200,000+	330,000+ 330,000+ 310,000	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 380,000+	770,000+ 770,000+ 770,000+	600,000+ 600,000+ 470,000	A	
and	25	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 155,000	200,000+ 200,000+ 180,000	330,000+ 320,000+ 210,000	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 280,000	770,000+ 770,000+ 770,000+	600,000+ 470,000+ 350,000	A	
and	25	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 200,000	200,000+ 200,000+ 200,000+	330,000+ 330,000+ 270,000	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 360,000	770,000+ 770,000+ 770,000+	600,000+ 530,000+ 380,000	A	
and	25	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 155,000	200,000+ 200,000+ 200,000+	330,000+ 330,000+ 220,000	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 380,000+	770,000+ 770,000+ 770,000+	600,000+ 600,000+ 500,000	C	
and	25					Evaluation same as shown previously for taxiway 4							C	
and	300	Emergency Minimum Full Capacity	155,000+ 155,000+ 115,000	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 175,000	200,000+ 200,000+ 200,000+	330,000+ 265,000+ 145,000	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 290,000	770,000+ 750,000+ 600,000	600,000+ 410,000+ 245,000	A	
and	25					Evaluation same as shown previously for taxiway 4							C	
and	300	Emergency Minimum Full Capacity	155,000+ 155,000+ 115,000	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 175,000	200,000+ 200,000+ 200,000+	330,000+ 330,000+ 230,000	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 380,000+	770,000+ 770,000+ 770,000+	600,000+ 600,000+ 370,000	C	
and	300					Evaluation same as shown previously for taxiway 3, NE end							A	
and	300	Emergency Minimum Full Capacity	155,000+ 155,000+ 155,000+	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 220,000	200,000+ 200,000+ 200,000+	330,000+ 330,000+ 320,000	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 380,000+	770,000+ 770,000+ 770,000+	600,000+ 600,000+ 500,000	C	
and	300	Emergency Minimum Full Capacity	155,000+ 155,000+ 135,000	65,000+ 65,000+ 65,000+	95,000+ 95,000+ 95,000+	220,000+ 220,000+ 200,000	200,000+ 200,000+ 200,000+	330,000+ 330,000+ 260,000	230,000+ 230,000+ 230,000+	380,000+ 380,000+ 380,000+	770,000+ 770,000+ 770,000+	600,000+ 600,000+ 415,000	C	

Case No.	Name	Address	City	State	County	Occupation	Age	Sex	Estimated Value of Property										Total	Remarks
									Land	Improvements	Personal	Other	Motor Vehicle	Trailer	Boat	Other	Other	Other		
1	John Doe	123 Main St	Anytown	CA	San Diego	Farmer	45	M	10,000	20,000	5,000	1,000	15,000						51,000	
2	Jane Smith	456 Oak Ave	Anytown	CA	San Diego	Teacher	35	F	8,000	15,000	3,000	500	12,000						38,500	
3	Robert Brown	789 Pine St	Anytown	CA	San Diego	Engineer	50	M	12,000	25,000	7,000	2,000	18,000						62,000	
4	Emily White	321 Elm St	Anytown	CA	San Diego	Nurse	40	F	6,000	12,000	2,000	1,000	10,000						31,000	
5	Michael Green	654 Maple St	Anytown	CA	San Diego	Doctor	55	M	15,000	30,000	10,000	3,000	20,000						78,000	
6	Sarah Black	987 Cedar St	Anytown	CA	San Diego	Homemaker	30	F	4,000	8,000	1,000	500	7,000						20,500	
7	David Lee	147 Birch St	Anytown	CA	San Diego	Student	20	M	2,000	4,000	500	100	3,000						9,500	
8	Lisa King	258 Spruce St	Anytown	CA	San Diego	Artist	25	F	3,000	6,000	800	200	4,000						14,000	
9	James Hall	369 Willow St	Anytown	CA	San Diego	Retired	65	M	11,000	22,000	6,000	1,500	16,000						56,500	
10	Anna Scott	470 Ash St	Anytown	CA	San Diego	Business	42	F	9,000	18,000	4,000	1,200	14,000						45,200	

Note: A full page of data is provided for each case. The data is not to be used for any other purpose than for the purpose of the survey. The data is not to be used for any other purpose than for the purpose of the survey.

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Table 4 (Continued)

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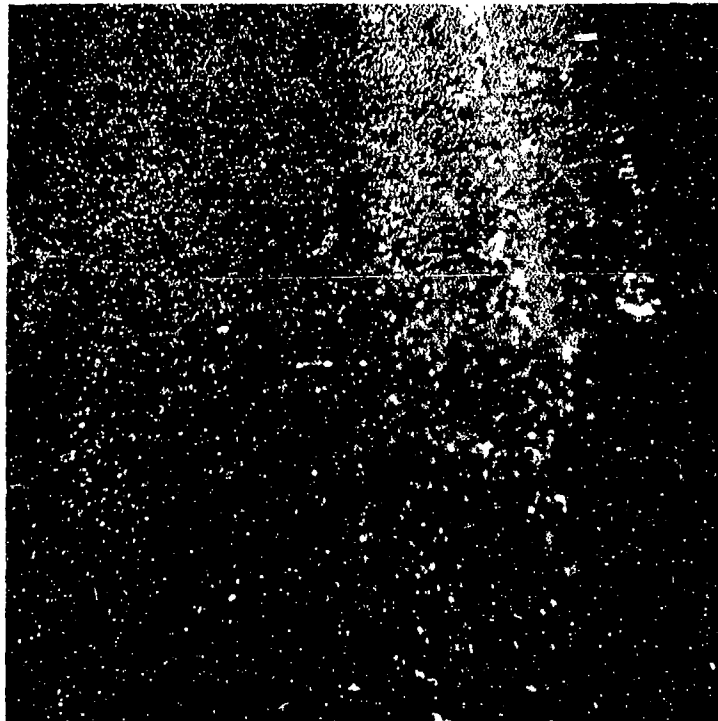
Table 1 (Continued)

SUBGRADE		LOAD CARRYING CAPACITY IN LB OF GROSS PLANE LOAD FOR INDICATED LANDING GEAR TYPES AND CONFIGURATIONS AND LIFE CATEGORIES											TRAFFIC AREA
CLASSIFICATION	CBR	CATEGORY OF PAVEMENT LIFE AND OPERATIONAL USE	TRICYCLE ARRANGEMENT								BICYCLE		
			SINGLE 10,000 LBS. TIRE PRESSURE	SINGLE 100 SQ IN CONTACT AREA	SINGLE 200 SQ IN CONTACT AREA	TRAILER C 200 SQ IN CONTACT AREA EACH TIRE	SINGLE TANDEM 100 SQ IN CONTACT AREA	TRAILER C 200 SQ IN CONTACT AREA EACH TIRE	TRAILER C 200 SQ IN CONTACT AREA EACH TIRE	TRAILER C 200 SQ IN CONTACT AREA EACH TIRE	TRAILER C 200 SQ IN CONTACT AREA EACH TIRE	TRAILER C 200 SQ IN CONTACT AREA EACH TIRE	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	225	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	B
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	25	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	25	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	C
		Minimum	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
		Full Capacity	155,000+	65,000+	95,000+	220,000+	200,000+	330,000+	230,000+	380,000+	770,000+	600,000+	
Sand	350	Emergency	155,000+	65,000+	95,0								

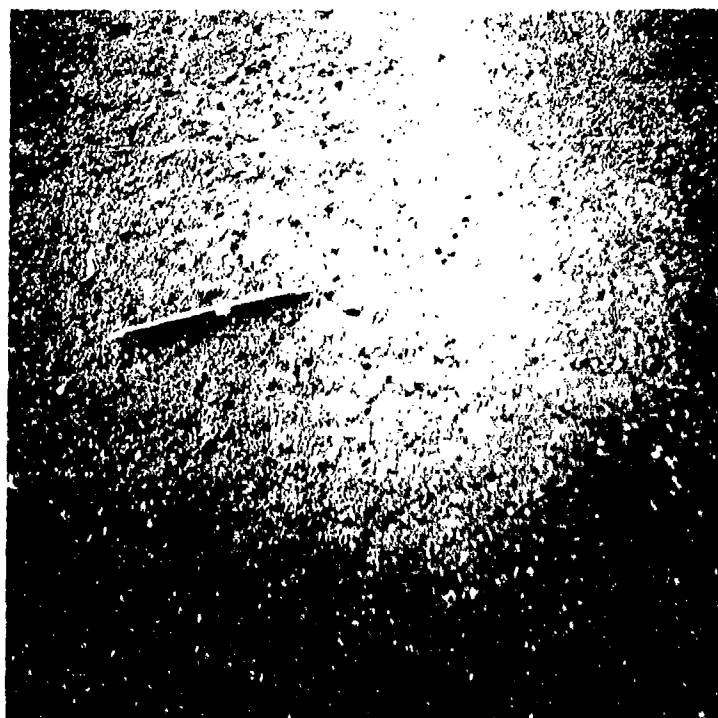
Table 5

Aircraft Identification Index
 (For Gear Configurations Shown in Columns 1-10, Table 4)

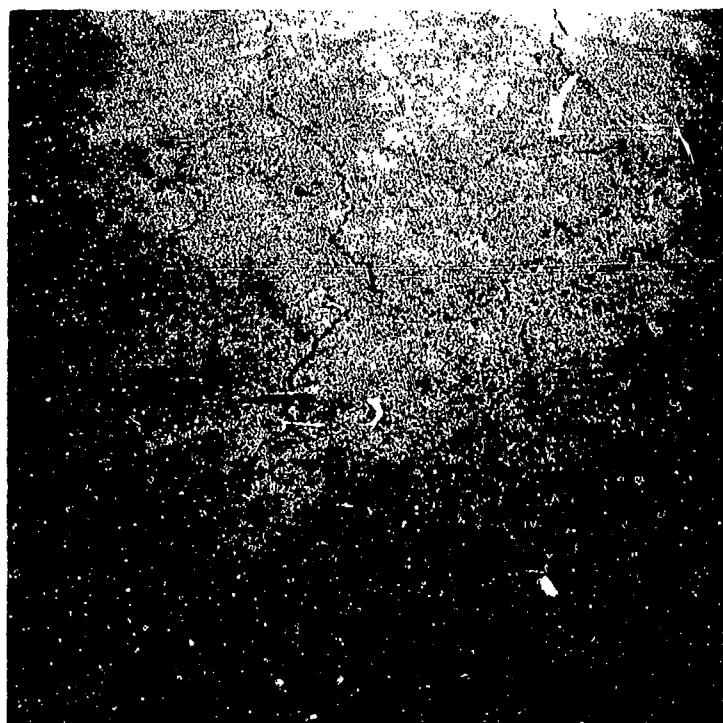
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
B-26-B	B-45-C	F-111	C-119	C-130		C-124	C-133	C-5A	B-52
B-45-A	F-84-F		C-54-G		B-50		C-135		B-52-A
B-57-B	F-84-G		C-118		KC-97		KC-135		
B-66-C	F-86-D		C-131		C-74		C-141		
C-45-F	F-86-F				C-121		KC-137		
C-45-G	F-86-H								
C-46-F	F-89 Series								
C-82	F-100-A								
C-123-B	F-101-A								
F-86-A	F-102								
F-86-E	C-47								
F-94-B	B-57								



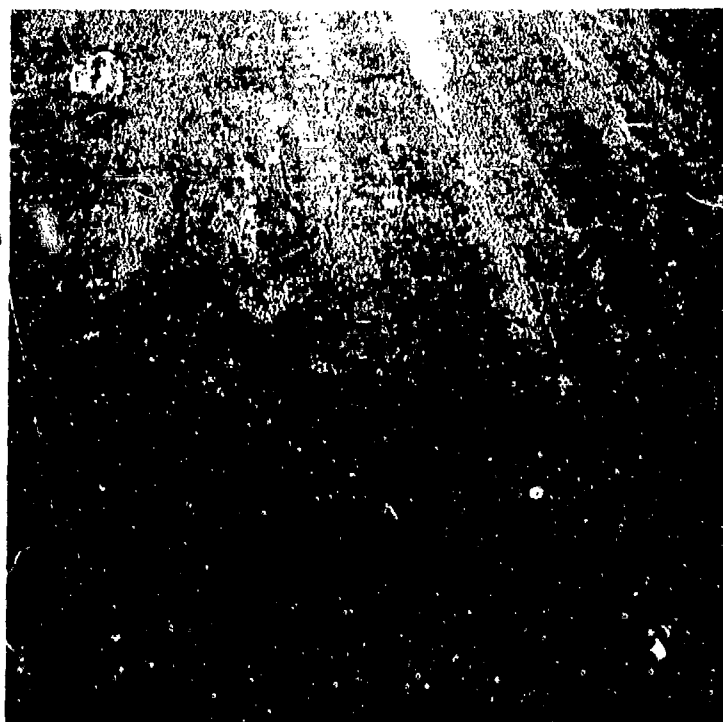
Photograph 1. Surface typical of asphalt portion
of east-west runway



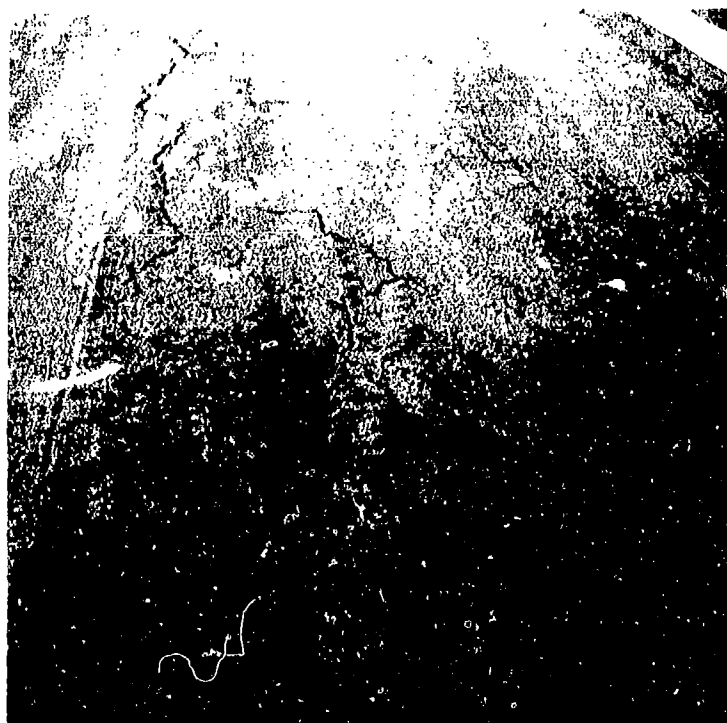
Photograph 2. Closeup view of slurry seal on
east-west runway



Photograph 3. Open cracks near east end of the asphalt apron



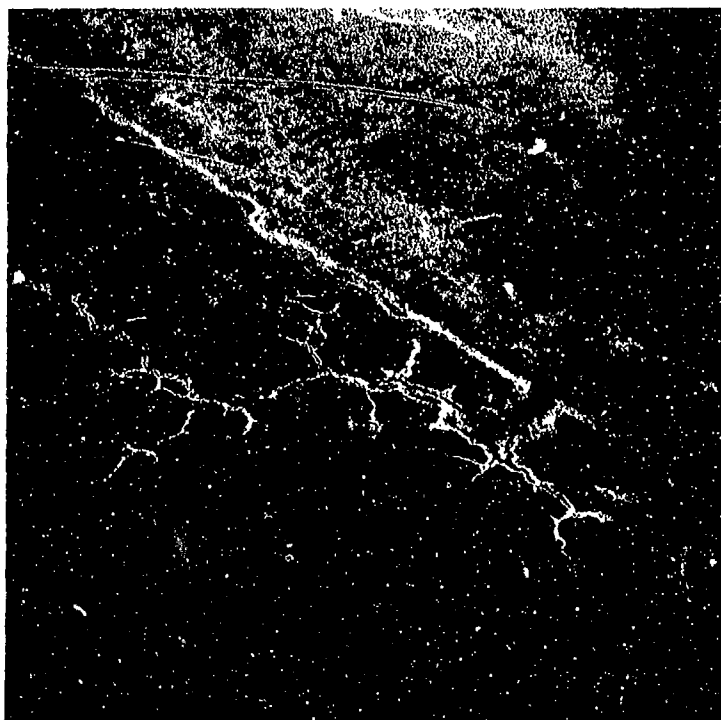
Photograph 4. Longitudinal cracks in taxiway 4



Photograph 5. Random cracking, taxiway 5



Photograph 6. Scaling of bituminous seal, east apron area



Photograph 7. White powdery substance along cracks in pavement of holding area at taxiway 5



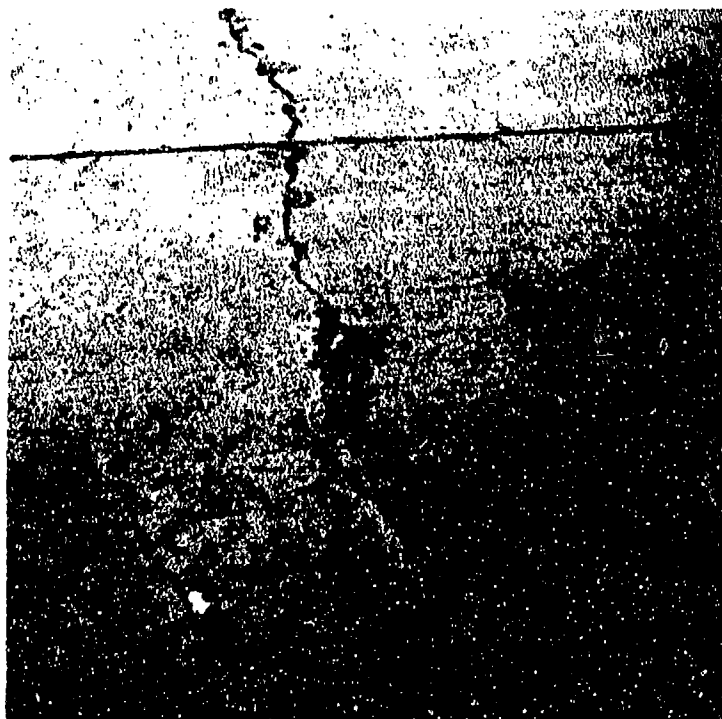
Photograph 8. Effects of fuel spillage on
shoulder pavements of former alert area



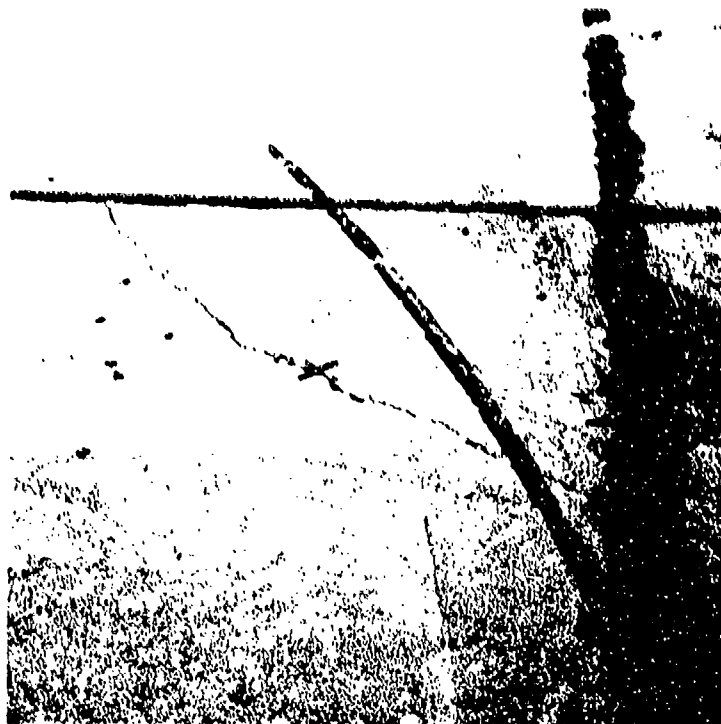
Photograph 9. Ruts in fuel spillage area on
shoulder pavements of former alert area



Photograph 10. Shattered slab in apron B



Photograph 11. Spall along transverse crack,
apron B



Photograph 12. Corner break of slab, apron B



Photograph 13. Typical popout in rigid pavement,
apron B



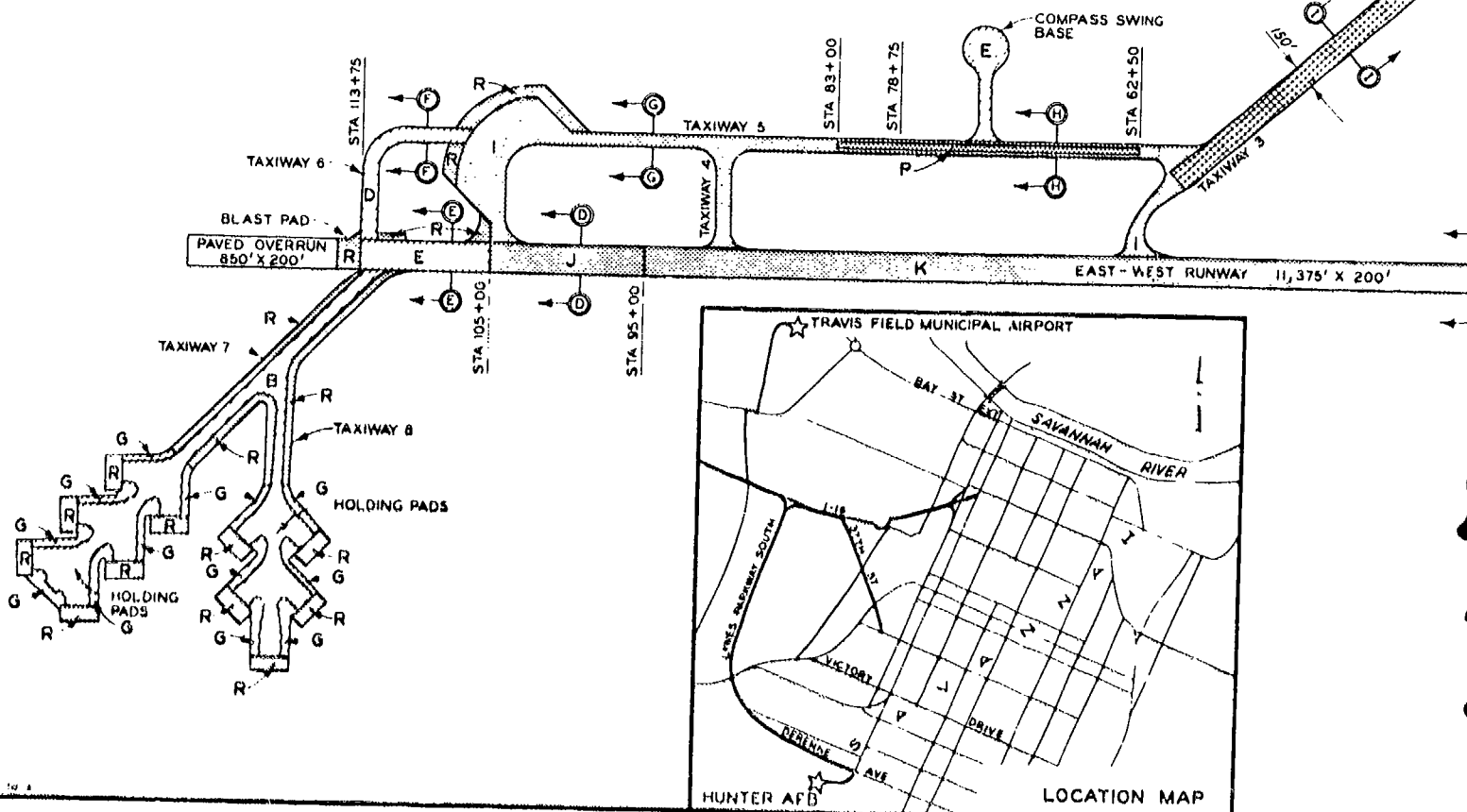
Photograph 14. Spalling along longitudinal joint, apron B



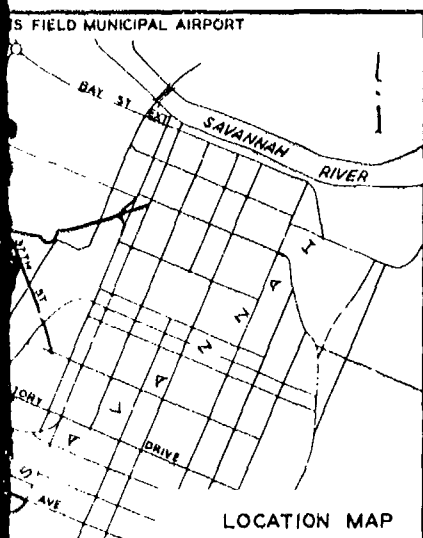
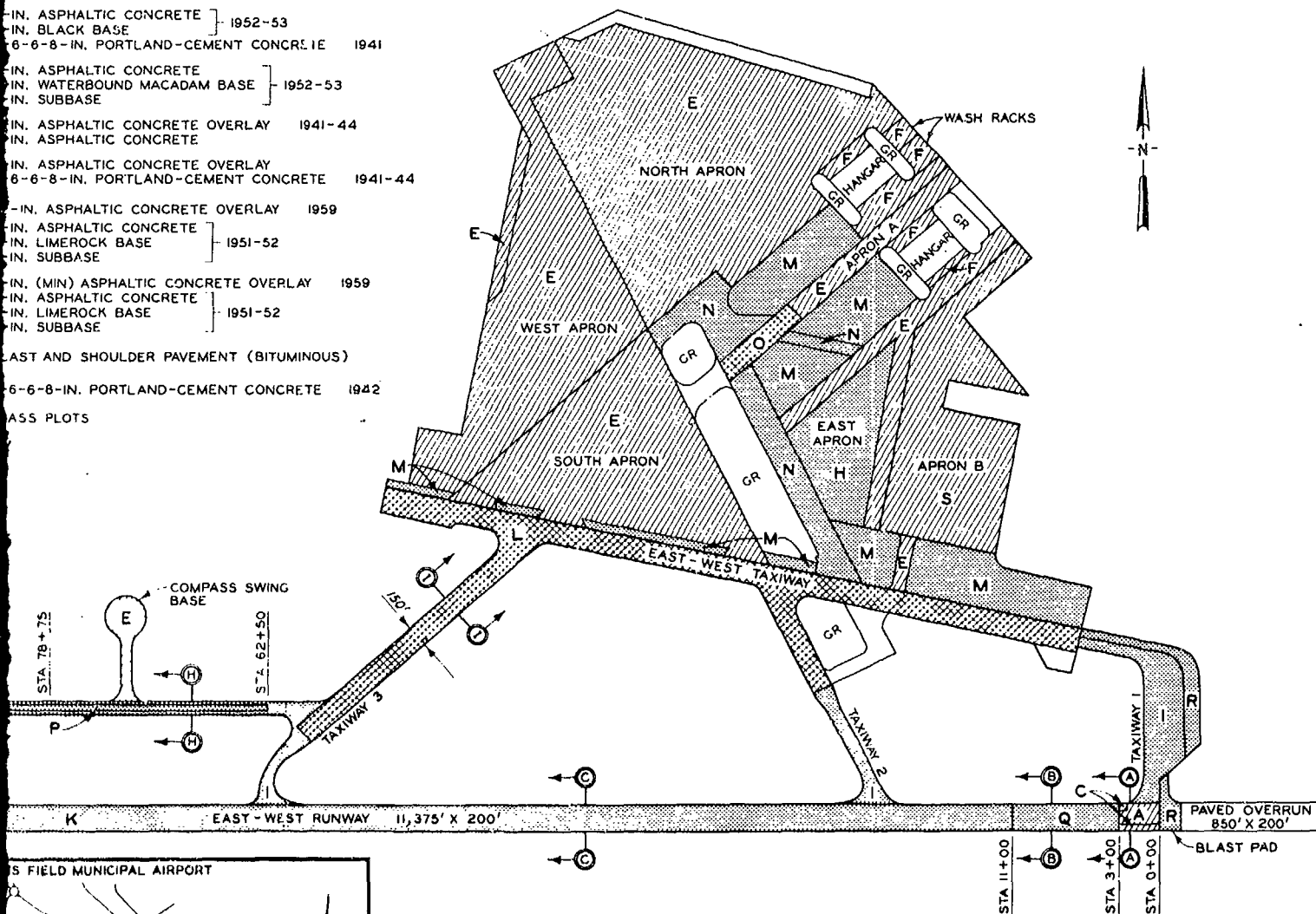
Photograph 15. Fuel stains at Huey parking spot, west apron

LEGEND

A	22-IN. PORTLAND-CEMENT CONCRETE	1957
B	20-IN. PORTLAND-CEMENT CONCRETE	1959
C	19-IN. PORTLAND-CEMENT CONCRETE	1957
D	18-IN. PORTLAND-CEMENT CONCRETE	1957
E	15-IN. PORTLAND-CEMENT CONCRETE	1953-58
F	13-IN. PORTLAND-CEMENT CONCRETE	1953-56
G	6-IN. PORTLAND-CEMENT CONCRETE	1959
H	11-IN. PORTLAND-CEMENT CONCRETE	1955-56
I	8-6-8-IN. PORTLAND-CEMENT CONCRETE	1942
J	4-IN. ASPHALTIC CONCRETE 8-IN. LIMEROCK BASE 8-IN. SUBBASE	1951-52
K	1-IN. (MIN) ASPHALTIC CONCRETE OVERLAY 2-IN. ASPHALTIC CONCRETE OVERLAY 4-IN. ASPHALTIC CONCRETE 8-IN. LIMEROCK BASE 8-IN. SUBBASE	1959 1955-56 1951-52
L	4-IN. ASPHALTIC CONCRETE 3-IN. BLACK BASE 8-6-8-IN. PORTLAND-CEMENT CONCRETE	1952-53 1941
M	4-IN. ASPHALTIC CONCRETE 6-IN. WATERBOUND MACADAM BASE 8-IN. SUBBASE	1952-53
N	4-IN. ASPHALTIC CONCRETE OVERLAY 6-IN. ASPHALTIC CONCRETE	1941-44
O	4-IN. ASPHALTIC CONCRETE OVERLAY 8-6-8-IN. PORTLAND-CEMENT CONCRETE	1941-44
P	1 1/2-IN. ASPHALTIC CONCRETE OVERLAY 4-IN. ASPHALTIC CONCRETE 8-IN. LIMEROCK BASE 8-IN. SUBBASE	1959 1951-52
Q	1-IN. (MIN) ASPHALTIC CONCRETE OVERLAY 4-IN. ASPHALTIC CONCRETE 8-IN. LIMEROCK BASE 8-IN. SUBBASE	1959 1951-52
R	BLAST AND SHOULDER PAVEMENT (BITUMINOUS)	
S	8-6-8-IN. PORTLAND-CEMENT CONCRETE	1942
GR	GRASS PLOTS	



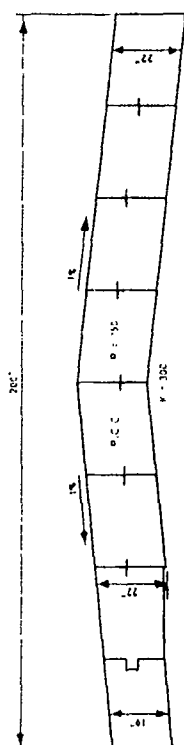
4-IN. ASPHALTIC CONCRETE } 1952-53
 4-IN. BLACK BASE
 6-6-8-IN. PORTLAND-CEMENT CONCRETE 1941
 4-IN. ASPHALTIC CONCRETE } 1952-53
 4-IN. WATERBOUND MACADAM BASE
 4-IN. SUBBASE
 4-IN. ASPHALTIC CONCRETE OVERLAY 1941-44
 4-IN. ASPHALTIC CONCRETE
 4-IN. ASPHALTIC CONCRETE OVERLAY 1941-44
 6-6-8-IN. PORTLAND-CEMENT CONCRETE 1941-44
 4-IN. ASPHALTIC CONCRETE OVERLAY 1959
 4-IN. ASPHALTIC CONCRETE } 1951-52
 4-IN. LIMEROCK BASE
 4-IN. SUBBASE
 4-IN. (MIN) ASPHALTIC CONCRETE OVERLAY 1959
 4-IN. ASPHALTIC CONCRETE } 1951-52
 4-IN. LIMEROCK BASE
 4-IN. SUBBASE
 EAST AND SHOULDER PAVEMENT (BITUMINOUS)
 6-6-8-IN. PORTLAND-CEMENT CONCRETE 1942
 GRASS PLOTS



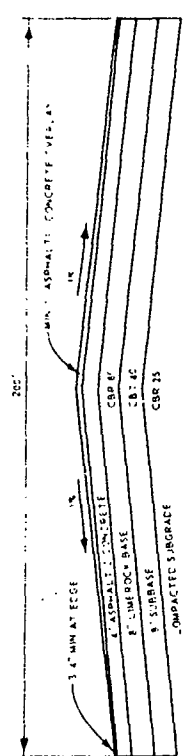
HUNTER AAF
 SAVANNAH, GEORGIA
PAVEMENT PLAN

SCALE IN FEET

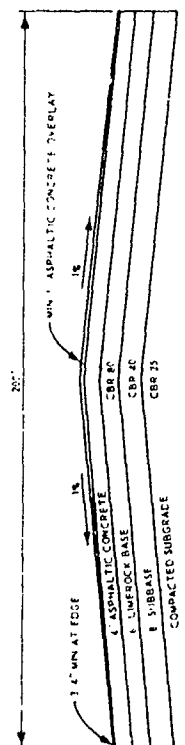




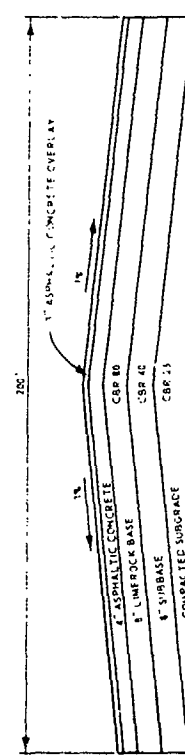
SECTION A-A
STA 0+00 TO 3+00



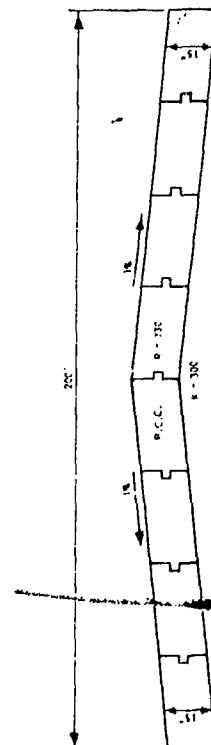
SECTION B-B
STA 3+00 TO 11+00



SECTION C-C
STA 11+00 TO 95+00



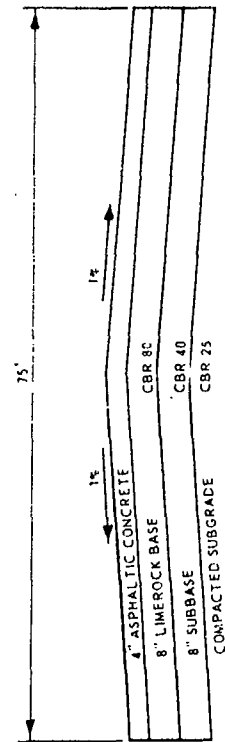
SECTION D-D
STA 95+00 TO 105+00



SECTION E-E
STA 105+00 TO 113+75

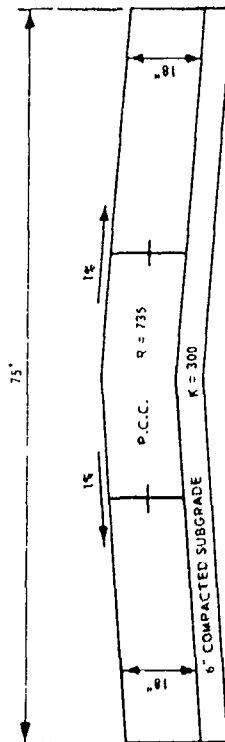
TYPICAL PAVEMENT AND FOUNDATION SECTIONS EAST-WEST RUNWAY

011160-C



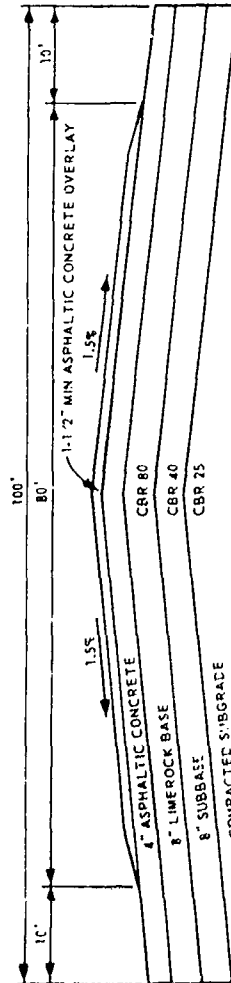
SECTION G-G

TAXIWAYS 1 AND 5



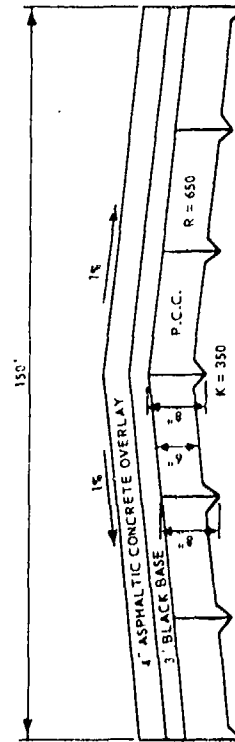
SECTION F-F

TAXIWAY 6



SECTION H-H

TAXIWAY 5 - STA 62+50 TO 83+00



SECTION I-I

TAXIWAY 3 AND EAST-WEST TAXIWAY

TYPICAL PAVEMENT AND
FOUNDATION SECTIONS
TAXIWAYS

011160-D